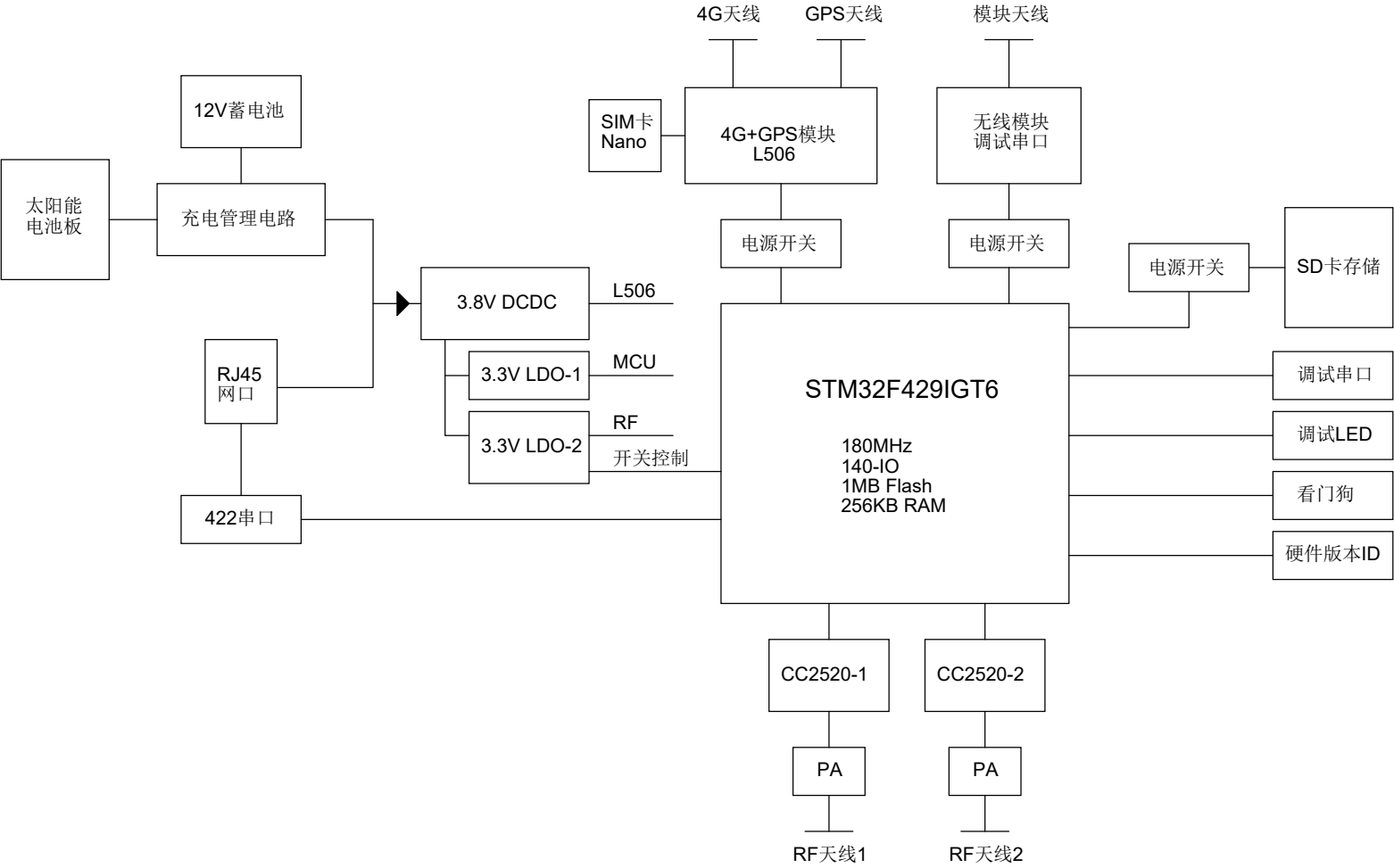


DC_N1+AP_VA1 BLOCK

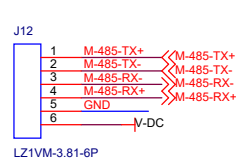


REVISION HISTORY

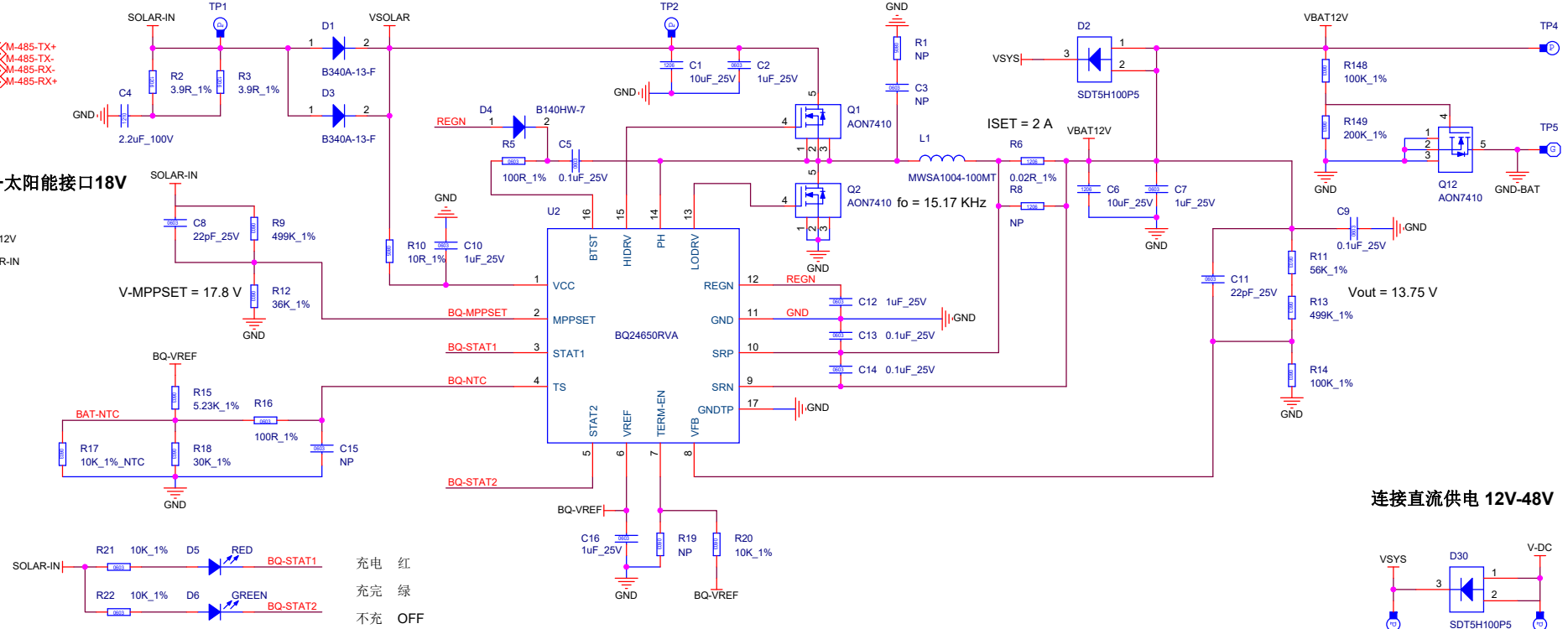
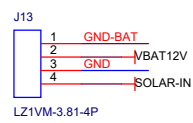
Revision: VA1	变更明细: 初始版本
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SOLAR CHARGER

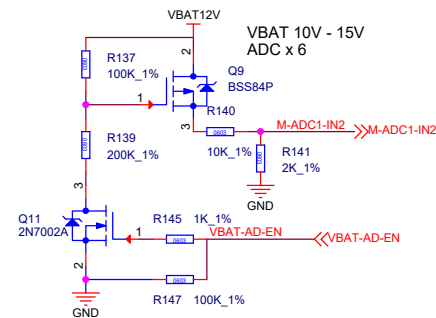
RS422通信+供电 12V-48V



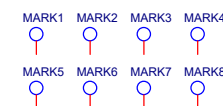
蓄电池接口12V+太阳能接口18V



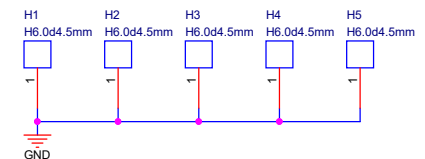
蓄电池电压 AD采集



MARK POINT x 8



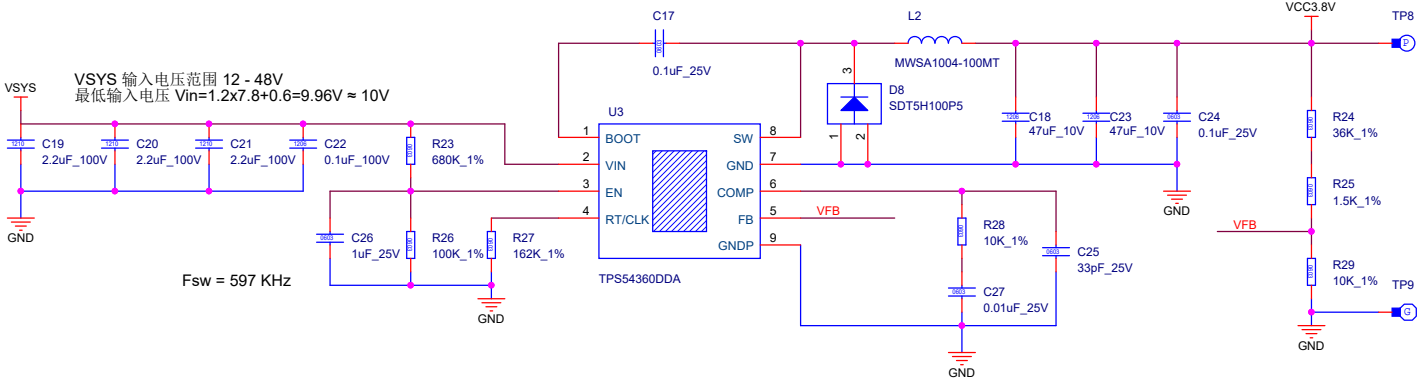
安装孔 4.5mm x 5



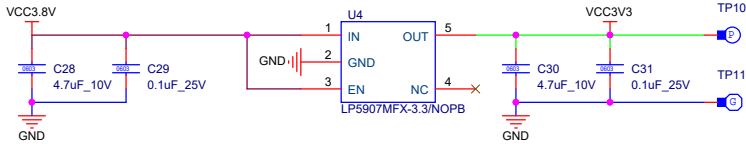
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POWER

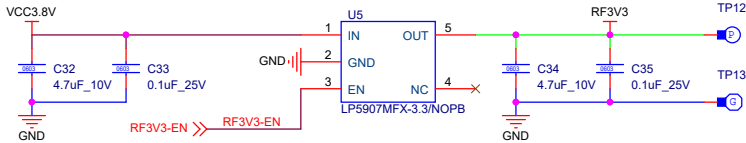
3.8V 常开电源，主电源



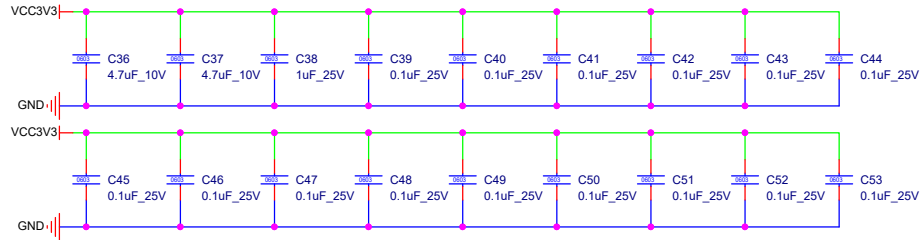
3.3V 常开电源，For MCU



3.3V 受控电源，For RF

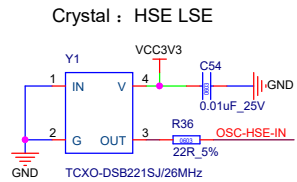


STM32F429

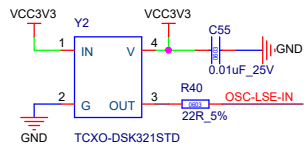
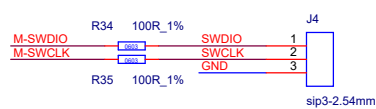


STM32F429 Signal Description

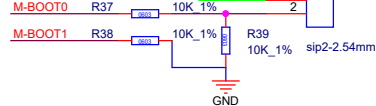
1	UART-2: 4G模块通信 (DMA)
2	UART-3: 485串口 (DMA)
3	UART-4: 无线调试串口 (DMA)
4	UART-6: 有线调试串口 (DMA)
5	SD卡: SDIO-4 bit Mode (DMA)
6	WatchDog: 看门狗, Max 1.6S
7	SPI-1: RF1通道 (原AP1通道)
8	SPI-5: RF4通道 (原AP4通道)



Debug SW



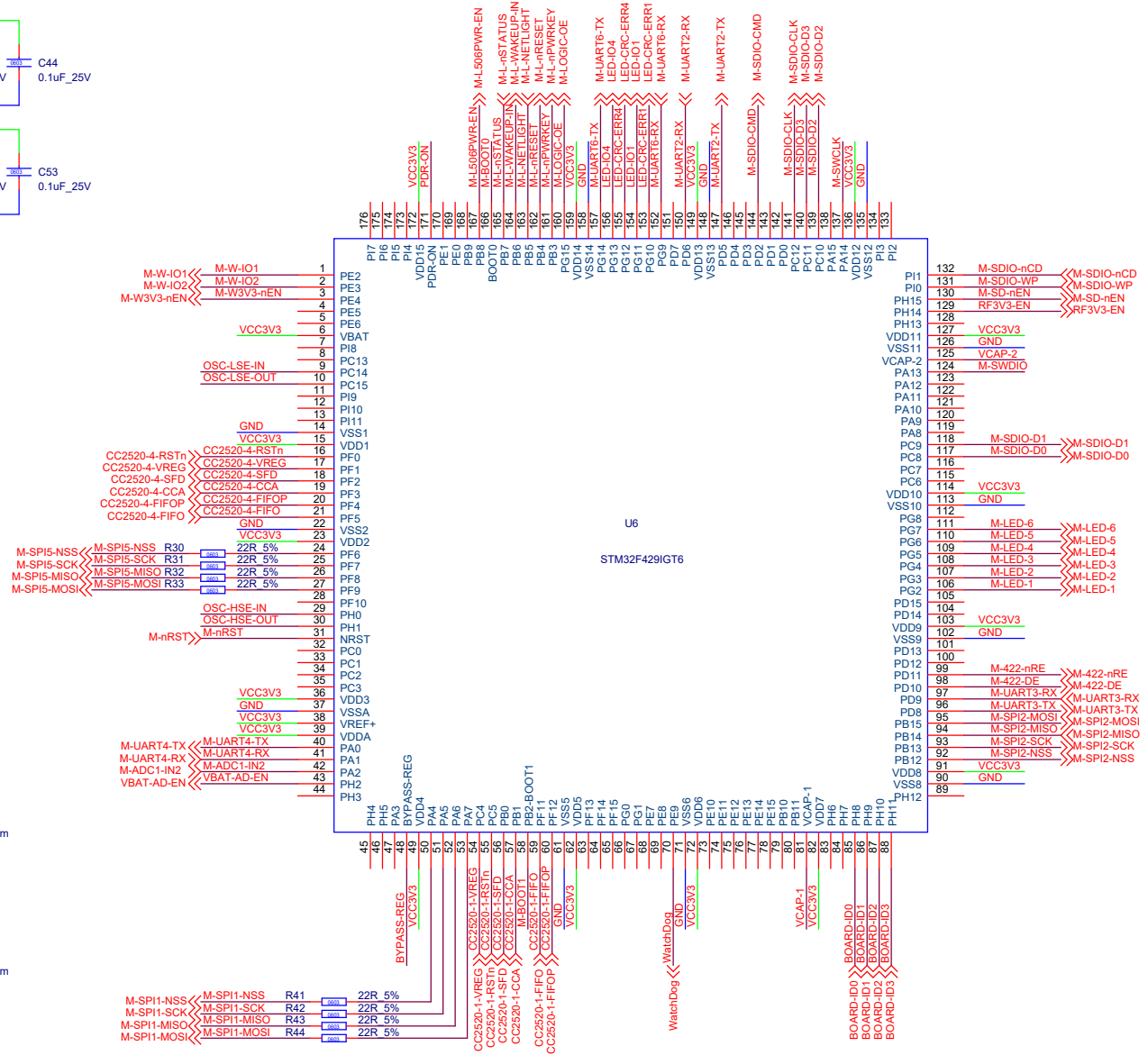
BOOT



SYS Pullups

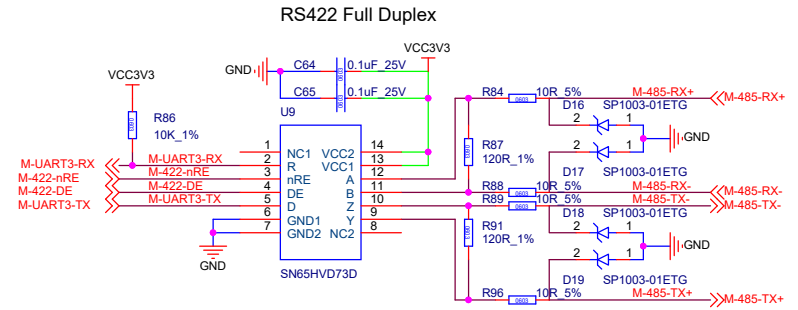
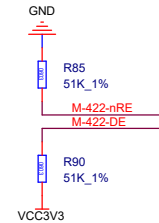
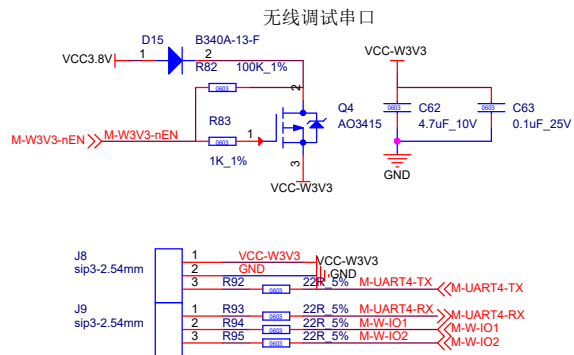
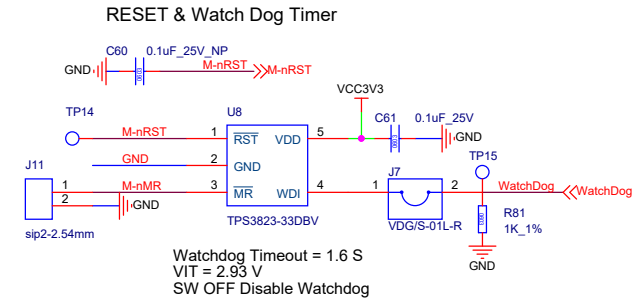
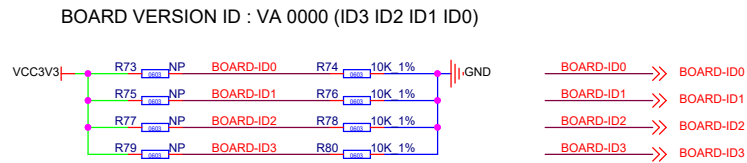
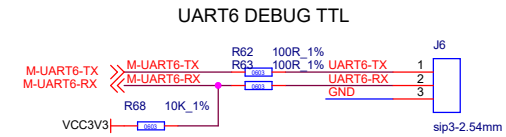
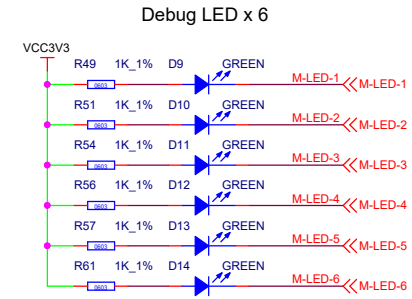
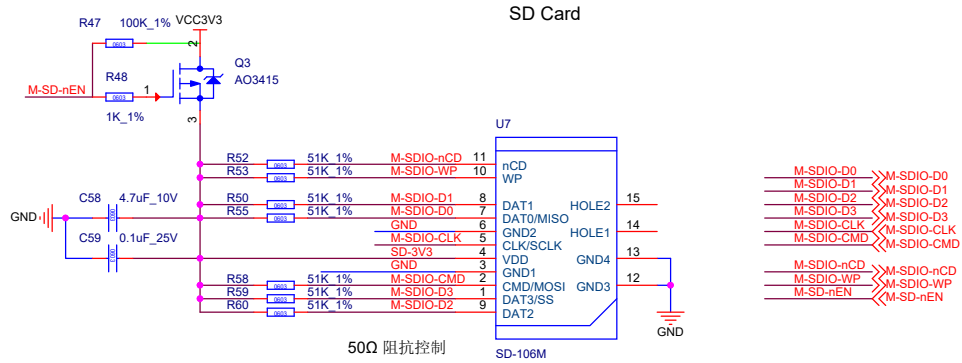


SYS Pulldowns



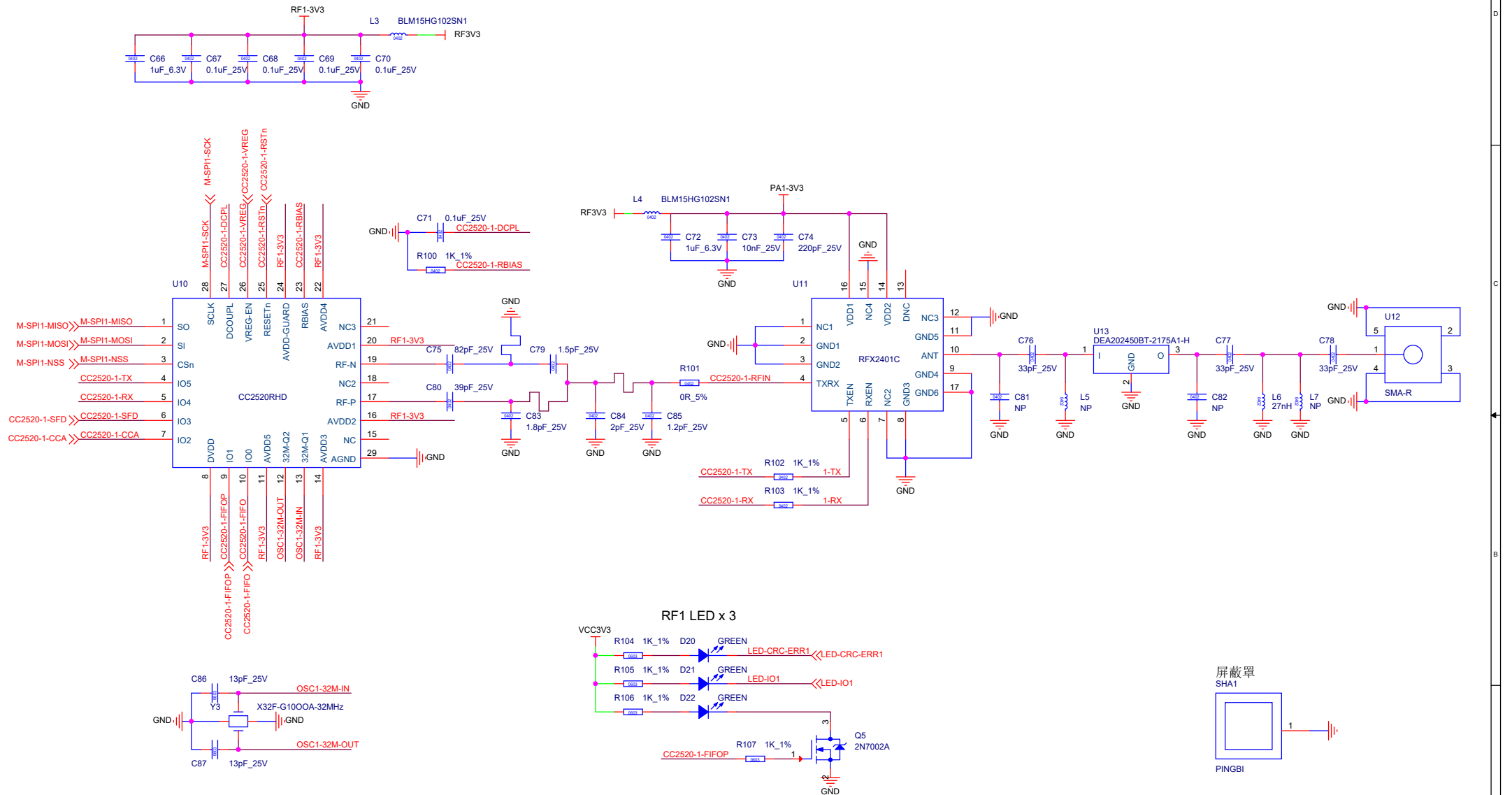
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MCU Peripherals



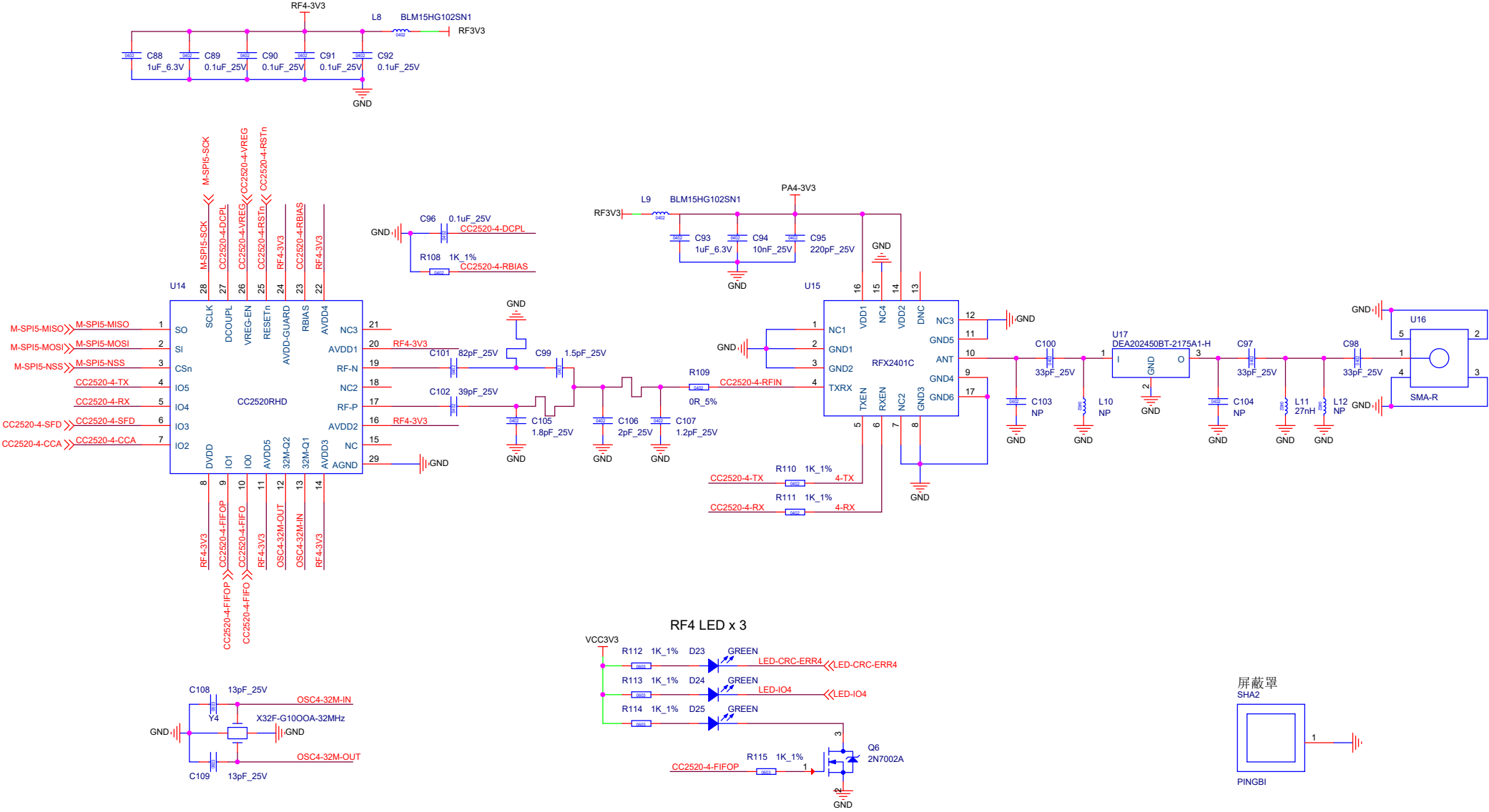
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RF Module 1

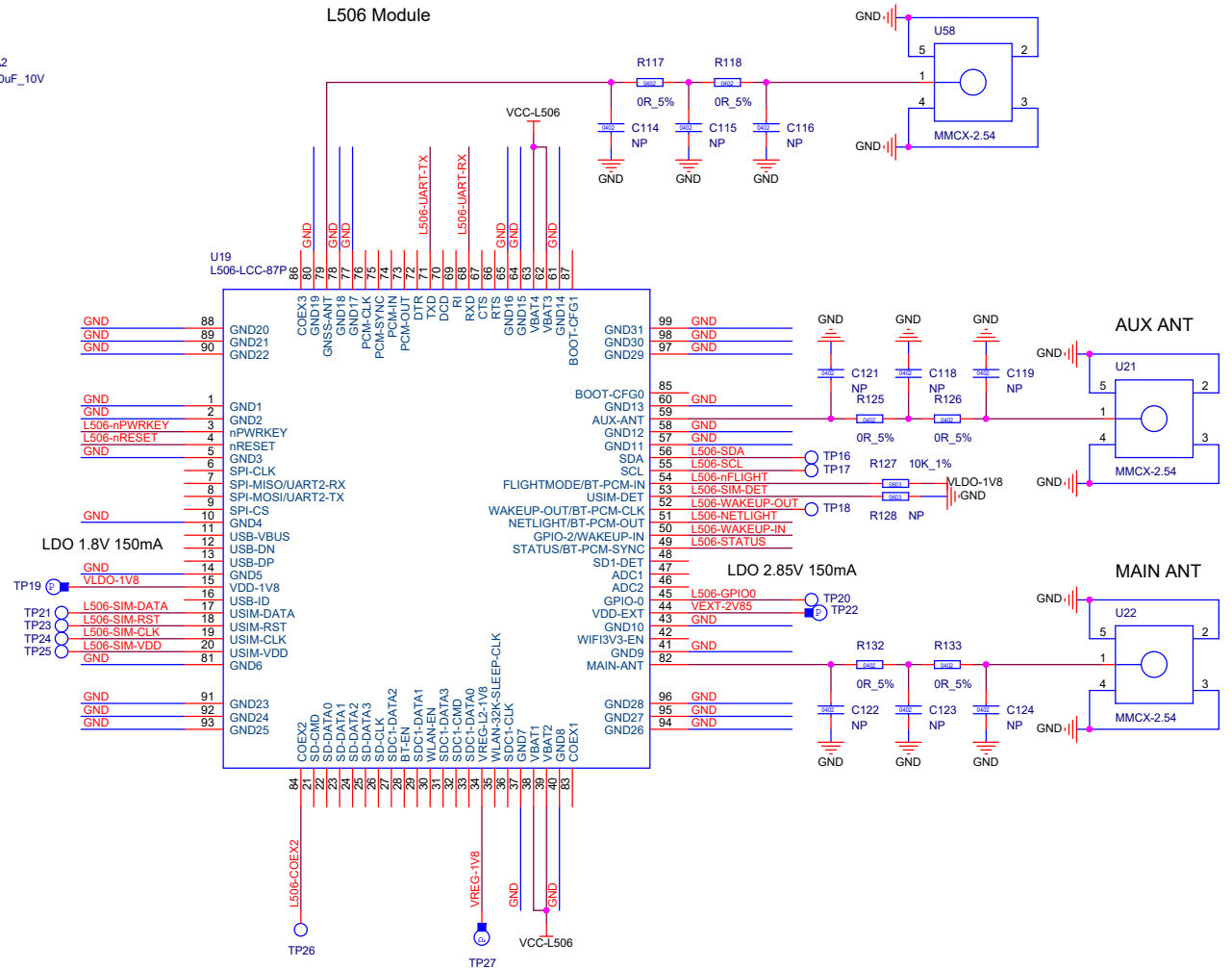
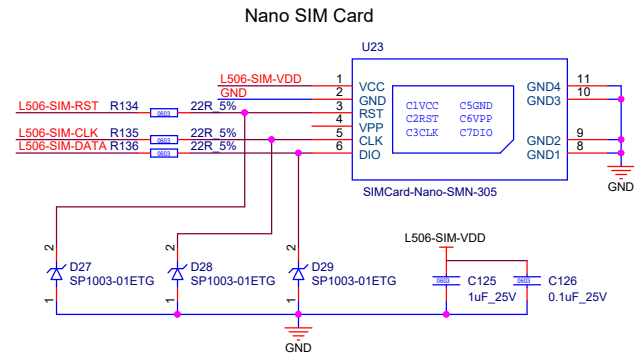
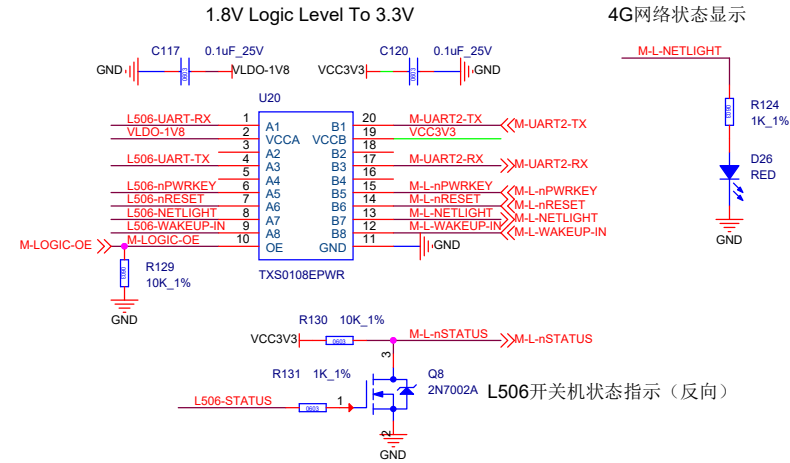
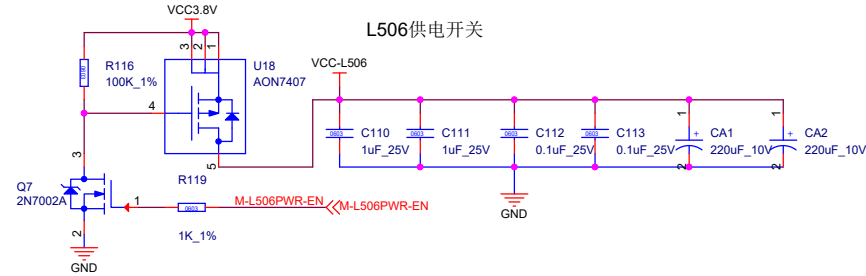


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RF Module 4



4G & GPS



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